



Kinivo ZX100 Mini Portable Speaker LED Indicator Replacement

This guide consists of the steps required to remove the LED component and obtain a new component in order to replace the old. This procedure should be followed if your existing LED does not work and your problem is not a connection problem.

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INTRODUCTION

Before starting this make sure to heat the soldering iron to a correct temperature and delicately take care of the electrical board.



TOOLS:

- [Precision Soldering Iron](#) (1)
- [Solder](#) (1)
- [Tweezers](#) (1)
- [Safety Glasses](#) (1)
- [heat resistant gloves](#) (1)



PARTS:

- [Replacement LED](#) (1)

Step 1 — Disassembling Kinivo ZX100 Mini Portable Speaker Teardown



- **Resonator Removal:**
 - Open bass resonator.
 - Twist circular resonator until it reaches maximum height extension.

Step 2




- **Screw Removal:**
 - Remove the four 1.2 cm screws at the base of the resonator using a Philips head screwdriver.

Step 3



● **Base Separation:**

- Separate the resonator portion from the base of device to reveal the middle casing.
- Gently lift the middle layer to remove the black separator plate.

 **Caution:** excessive force may damage the black and red speaker wires and the function of your device.

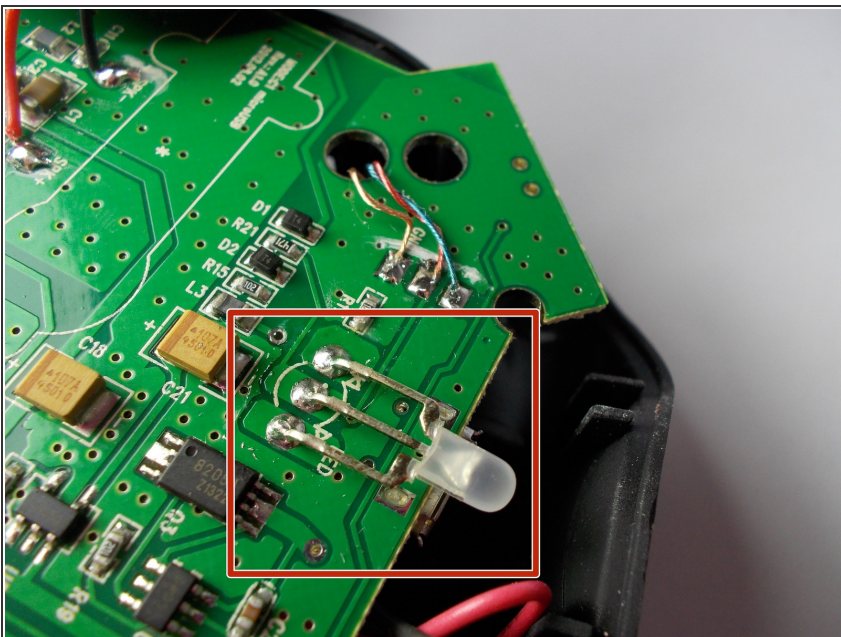
Step 4



- **Circuit Board Removal:**

- Lift the black separator plate to reveal the circuit board.
- Remove the circuit board by lifting and sliding the board by the back end, opposite to the LED indicator, away from the LED indicator.

Step 5 — LED Indicator



- **LED Locating**

- Locate the three prongs on the LED indicator light on the circuit board.
- Prongs should be found on edge of board directly behind the LED light.

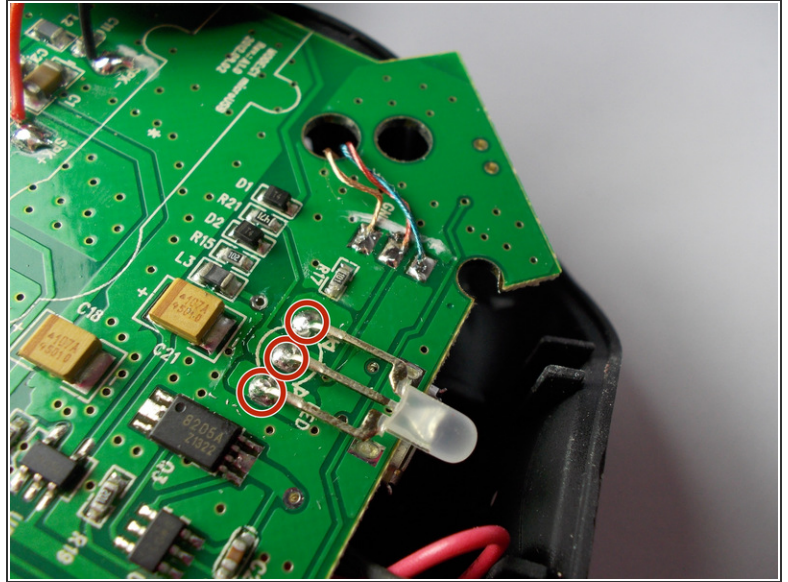
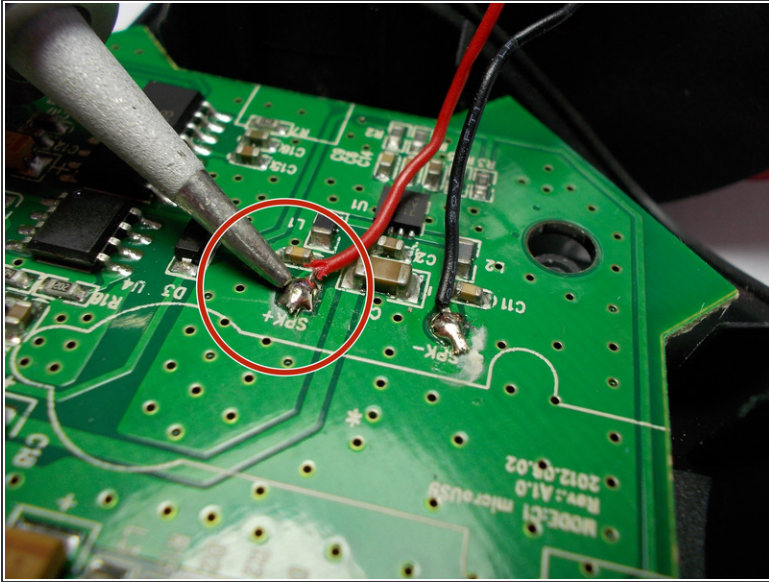
Step 6



- **Soldering**

- Heat soldering iron to operating temperature.
- Use caution as to not harm yourself when using the hot iron.

Step 7

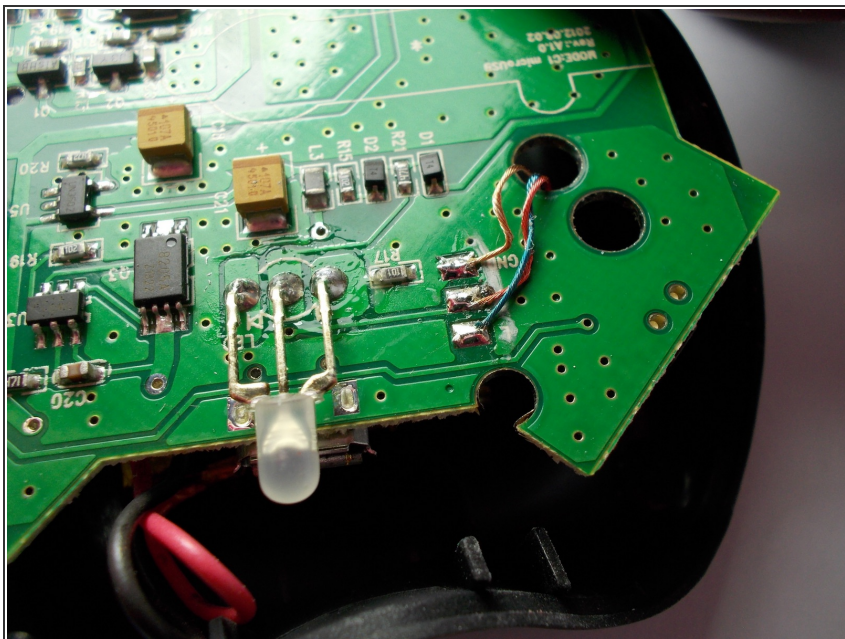


● Prong Removal

❗ (Picture in this step shows for speaker wire but can also be applied for the removal of each prong.)

- Removing three prongs, one at a time, heat the shiny solder point for first prong.
- Using tweezers, pull prong directly up from circuit board to remove prong.
- Repeat the previous until each prong has been removed.

Step 8



● Replacement

- Obtain new LED component from manufacturer.
- Perform the steps in reverse order to reconnect the new LED to the circuit board.
- ① If not sure how to solder please refer to an online manual.

To reassemble your device, follow these instructions in reverse order.

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